Index of Claims

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10/608,519

DIAS ET AL.

Applicant(s)/Patent under Reexamination

Examiner

Art Unit

Gregory D. Thompson

2835

Rejected Allowed

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
|   | Interference |

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| Claim                          | aim Date   |  |  | Claim Date |               |         |          |   | CI        | aim  | Date  |            |                |                     |          |          |          |          |  |          |
|--------------------------------|--|--|--|------------|---------------|---------|----------|---|-----------|------|-------|------------|----------------|---------------------|----------|----------|----------|----------|--|----------|
| _ <u>_</u> <u>_</u> <u>_</u> } | H  |  |  | <u>a</u>   |               |         |          |   |           |      |       | <u></u>    | - 1            |                     |          |          |          |          | 1  |          |
| Final<br>Original              | $fr \mid \cdot \mid \cdot \mid \cdot \mid$         |  | Final  | Original   |               |         |          |   |           |      | Final | Original   |                |                     |          | ı        |          |          | 1  |          |
| E   E                          |  |  | ᄕ  | ٦          |               |         |          |   |           |      | ίΞ    | Ö          | 1              |                     |          |          |          |          |  | -        |
|                                | <del>/</del>                                       |  |  |            | -  -          | $\perp$ |          |   |           |      |       |            |                | 4                   |          | _        |          | _        |  | _        |
| 1 0                            | <del></del>  |  |  | 51         | $\dashv$      |         |          | <del>      -</del>                                | Ш         |      |       | 101        |                | $\perp$             | $\Box$   | _        | _        | $\dashv$ | $\bot$   | _        |
| 2 0                            |  |  |  | 52         |               |         | $\perp$  | 1   | Ш         |      |       | 102        |                |                     |          | _        | _        | _        | _  | 4        |
| 3 0                            | A + A + A + A + A + A + A + A + A + A +            |  |  | 53         |               | -       |          |   | Ш         |      |       | 103        |                | $\perp$             |          |          |          |          | 4  | 4        |
| 4 0                            |  |  |  | 54         |               |         | -        |   | Ш         |      |       | 104        | _              | $\perp$             |          | 4        | $\dashv$ | -        | _  | 4        |
| 5 0                            |  |  | $\vdash$   | 55         | ++            | +       |          | 4-4   | Ш         |      |       | 105        |                |                     |          |          |          | -        |  | 4        |
| 6 0                            |  |  | $\vdash$   | 56         |               | +       |          | <del>                                     </del>  | Ш         |      |       | 106        |                | +                   |          | -        | -        | $\dashv$ | _  | 4        |
| 7 0                            |  |  |  | 57         | ┵             |         |          |   |           |      |       | 107        | -              | +                   | $\vdash$ |          | $\dashv$ | +        | _  | $\dashv$ |
| 8 6                            |  | <del>                                     </del> |  | 58         | ++            | +       | +        | <del>   - </del>                                  | Н         |      |       | 108        |                | +-                  | $\dashv$ | $\dashv$ | -        | $\dashv$ | +  | $\dashv$ |
| 9 6                            | 0  | ++++   | $\vdash$   | 59         |               |         |          |   | -         |      |       | 109        |                | +                   | $\dashv$ | $\dashv$ | -        | +        | +  | $\dashv$ |
| 10 0                           | 0  | <del>   </del>                                   | $\vdash$   | 60         | ++            |         |          | $\vdash$  | H         |      |       | 110<br>111 |                | +                   | $\dashv$ |          |          | $\dashv$ |  | $\dashv$ |
| 12                             | <del>'                                     </del>  | <del>                                     </del> | $\vdash$   | 62         | ++            | +       | +        | <del>                                     </del>  | H         |      |       | 112        |                | +-                  |          | $\dashv$ |          | -+       | +  | $\dashv$ |
| 18                             | <del>                                     </del>   | <del>                                     </del> | <del></del>                                      | 63         |               | +       |          | <del> - -</del>                                   | H         |      |       | 113        | +              | +                   | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ |
| 14                             | <del>- - - - -</del>                               | <del>                                     </del> | -  | 64         | ++            | +       | +        | <del>                                     </del>  | H         |      | _     | 114        |                | +                   | $\vdash$ | $\dashv$ |          | -        | $\dashv$   | $\dashv$ |
| 15                             | ++++   | <del>       </del>                               | $\vdash$   | 65         | ++            | +       | +        | + + -   | H         |      |       | 115        | +              | +                   | $\vdash$ |          |          | $\dashv$ | $\dashv$   | $\dashv$ |
| 16                             | <del>-                                     </del>  | <del>                                     </del> |  | 66         | +             | +-      | $\dashv$ | +-  | H         |      |       | 116        | $\dashv$       | +                   | $\dashv$ | ᅱ        | $\dashv$ | $\dashv$ | +  | $\dashv$ |
| 17 1                           | <del>/                                      </del> | <del>                                     </del> | $\vdash$   | 67         | ++            | +       | $\vdash$ |   | $\vdash$  |      |       | 117        | -              | +                   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ |
| 18 0                           | . 1  | <del>                                     </del> | -  | 68         | ++            | +       |          |   | $\vdash$  |      |       | 118        |                | +                   | $\dashv$ |          | $\dashv$ | $\dashv$ |  | $\dashv$ |
| 19 0                           |  |  | $\vdash$   | 69         | +             | +       | -        | +   |           |      |       | 119        |                | +                   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | <del></del>  | $\dashv$ |
| 20 0                           | <del>51                                     </del> |  |  | 70         | +             | +       |          | +-  | $\vdash$  |      |       | 120        |                | +                   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |  | -        |
| 21 0                           | 5  |  | <del></del>                                      | 71         | ++            | $\top$  |          |   |           |      |       | 121        | <u> </u>       | $\dagger$           | $\dashv$ | $\dashv$ | $\dashv$ | 寸        |  | ┥        |
| 22 0                           |  |  |  | 72         |               | _       |          | +   |           |      |       | 122        | _              | +                   | $\dashv$ | $\dashv$ | 一        | $\dashv$ | 7  | $\dashv$ |
| 23 0                           | <del>5/</del>                                      |  | $\vdash$   | 73         | 1-1-          | +       |          | +-  |           |      |       | 123        | $\neg$         | 1                   | $\neg$   | ᅥ        | $\neg$   | $\dashv$ | -  | $\dashv$ |
| 24 V                           |  |  |  | 74         | +             | +-      |          | <del> </del>                                      | -         |      |       | 124        | $\neg$         | +                   | -        | 一        | _        | $\dashv$ | 十  | $\dashv$ |
| 25                             |  | <del>                                     </del> |  | 75         | 11            |         |          |   |           |      |       | 125        |                | 1 1                 | T        | ヿ        | ╛        | 寸        | T  | ヿ        |
| <b>1</b> 26                    | <del></del>  |  |  | 76         | ++            |         |          |   | H         |      |       | 126        |                |                     |          | 一        | 一        | 寸        | 7  | ヿ        |
| 35<br>26<br>27<br>28           |  |  |  | 77         |               |         |          |   |           |      |       | 127        |                | $\top$              | $\neg$   | ᄀ        | $\neg$   | ヿ        | T  | ヿ        |
| 28                             |  |  |  | 78         |               |         |          | 1-1-  |           |      |       | 128        |                |                     | $\neg$   | $\neg$   |          | 寸        |  | ヿ        |
| 29                             |  |  |  | 79         |               |         |          | $\sqcap \vdash$                                   |           |      |       | 129        |                |                     |          | $\neg$   |          | $\neg$   |  | ヿ        |
| 3b                             |  |  |  | 80         |               |         |          |   |           |      |       | 130        |                |                     |          | $\neg$   |          | T        | T  | ٦        |
| 3                              | 1  |  |  | 81         |               |         |          |   |           |      |       | 131        |                |                     |          | $\neg$   |          | $\neg$   |  | ٦        |
| 32                             |  |  |  | 82         |               |         |          |   |           |      |       | 132        |                |                     |          |          |          |          |  |          |
| 32<br>33                       |  |  |  | 83         |               | $\perp$ |          |   |           |      |       | 133        |                |                     |          |          |          | $\Box$   |  |          |
| 3 4 [                          |  |  |  | 84         |               |         |          |   |           |      |       | 134        |                |                     |          | $\Box$   | $\Box$   | $\bot$   | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ |          |
| 38                             |  |  |  | 85         |               |         |          |   |           |      |       | 135        |                | $oldsymbol{\sqcup}$ |          |          |          |          |  | ╝        |
| 36 V                           |  |  |  | 86         | $\perp \perp$ | $\perp$ | ot       |   | Щ         |      |       | 136        |                | Ш                   |          | _        |          | $\perp$  | $\perp$  | $\perp$  |
| 37 C                           | 2  |  |  | 87         | _ _ _         | $\perp$ |          |   | Ш         |      |       | 137        |                | $\sqcup$            | $\Box$   | _        |          | _        |  | $\Box$   |
| 38 8                           |  |  | $\sqcup$   | 88         | _  _          | _       |          |   |           |      |       | 138        | _ _            | 1_                  | $\Box$   | _        | _        |          | _  | $ \bot $ |
| 39 C<br>40 F                   |  | $\square$  | $\sqcup$   | 89         | 44            | 44      | $\perp$  |   |           |      |       | 139        | _ _            | -                   | $\Box$   | _        | _        | 4        | _  | $\dashv$ |
| 40 €                           |  | $\square$  | igspace  | 90         | 44            | 44      |          |   |           |      |       | 140        | $\dashv$       | 4_                  | $\Box$   |          | _        | 4        | 4  | $\dashv$ |
| 41                             | <del>                                     </del>   |  | $\sqcup \downarrow$                              | 91         | 44            | 4-4     | $\perp$  | <del>                                      </del> | Щ         |      |       | 141        | $\perp$        | $\perp$             | $\Box$   | _        | _        | 4        | 4  | $\dashv$ |
| 42                             |  |  | <del>                                     </del> | 92         | +             | 44      |          |   | Щ         |      |       | 142        |                | +                   | $\dashv$ | _        | _        | $\dashv$ | _  | $\dashv$ |
| 43                             | <del>                                     </del>   | $\square$  | $\longmapsto$                                    | 93         | ++            | 4-      |          |   | _         |      |       | 143        | $\dashv$       | $\vdash$            | _        | _        |          | $\dashv$ | _  | 4        |
| 44                             | <del>                                     </del>   |  |  | 94         |               |         |          | +   | Щ.        |      |       | 144        | -              | +                   | $\dashv$ |          |          | -        | -  | 4        |
| 45                             | <del></del>  | <del>                                     </del> |  | 95         | ++            | +       |          | <del>                                     </del>  |           |      |       | 145        |                | +                   | $\dashv$ |          |          | +        | +  | $\dashv$ |
| 46                             | <del>                                     </del>   | <del>                                     </del> | $\vdash \vdash$                                  | 96         | ++            | +       | $\dashv$ | <del>                                     </del>  | $\vdash$  |      |       | 146        | <del>- -</del> | +                   | -        |          | $\dashv$ | $\dashv$ | +  | $\dashv$ |
| 47                             | + + + + + + -                                      | <del>                                     </del> | $\vdash$   | 97         | ++-           | +       |          |   | $\square$ |      |       | 147        | -              | +                   | $\dashv$ | -        |          | $\dashv$ | +  | $\dashv$ |
| 48                             | <del>                                     </del>   |  | $\vdash \vdash$                                  | 98<br>99   | ++            |         | $\dashv$ | 1   | H         |      |       | 148<br>149 | +              | +                   |          | -        | $\dashv$ | $\dashv$ | +  | $\dashv$ |
|                                | <del>1                                     </del>  |  | $\vdash \vdash$                                  |            | ++            | +       |          | <del>                                     </del>  | -         |      |       | 150        |                | 1                   | $\dashv$ | -        |          | $\dashv$ | +  | $\dashv$ |
| 50                             |  |  |  | 100        |               |         |          |   | :         | :::[ |       | 150        | !_             | 1                   | 1        | _1       | 1        | _ L      |  |          |